10553671 - GAU: 4131

10/553671 49 Bet'd Patrota 17 107 200

Please type a plus sign (+) inside this box +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute	for form 1449A/PTO			Complete if Known		
				Application Number	USNP of PCT/EP2004/003090	
INFO	RMATION	DIS	CLOSURE	Filing Date	24 March 2004 (24.03.2004)	
STAT	<b>TEMENT BY</b>	/ Al	PPLICANT	First Named Inventor	Herwig BUCHHOLZ, et al.	
				Group Art Unit	unknown	
	(use as many she	ets as	necessary)	Examiner Name	unknown	
Sheet	1	of	2	Attorney Docket Number	MERCK-2686-2	

	U.S. PATENT DOCUMENTS								
Examiner Initials *	Cite No.1	U.S. Patent Docur	ment Kind Code <sup>2</sup> ( <i>if known</i> )	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document  MM-DD-YYYY				
	001	6,030,627	Α	SEO, et al.	02-29-2000				
	002	4,906,466	Α	EDWARDS, et al.	03-06-1990				
	003	5,503,640	A	JACOBSON, et al.	07-01-1997				

FOREIGN PATENT DOCUMENTS										
		Foreign Patent Document				Date of Publication of	Pages, Columns, Lines, Where Relevant			
Examiner Initials*	Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T°		
	004	EP	0 665 004	A	LUCKY LTD	08-02-1995	pg. 3, ln 23 - pg. 4, ln. 3; pg 4, ln 17 - ln 35; pg. 5, ln 8 - ln 16; pg 5, ln 46 - ln 57; pg 6, ln 39 - ln 58	001		
	005	EP	0 251 783	Α	JOHNSON MATTHEY PLC	01-07-1988	claims 1-8	002		
	006	JP	01 268764	Α	ISHIHARA SANGYO KAISHA LTD.	10-26-1989	abstract			
	007	wo	94/15462	Α	DU PONT	07-21-1994	claims 1-3, 15	003		

				_
Examiner Signature	/Nelson C Blakely III/	Date Considered	05/01/2008	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. Number refers to English language corresponding family member.

EFS-Web Receipt date: 10/17/2005

## 10608/753/6/74/31

## JC09 Rec'd PCT/PTO 17 OCT 2005,

Please type a plus sign (+) inside this box +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute	for form 1449A/P	то		Complete if Known			
INIEO		1 DIOOI	COLUDE	Application Number	USNP of PCT/EP2004/003090		
	RMATION			Filing Date	24 March 2004 (24.03.2004)		
STAT	EMENT E	BY APP	LICANT	First Named Inventor	Herwig BUCHHOLZ, et al.		
				Group Art Unit	unknown		
	(use as many s	heets as nec	essary)	Examiner Name	unknown		
Sheet	2	of	2	Attorney Docket Number	MERCK-2686-2		

	Examiner		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine,	
	Initials *	Cite No.1	journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
			DATABASE CHEMABS 'ONLINE' CHEMICAL ABSTRACTS SERVICE, COLUMBUS. OHIO. US: ENTERED STN: 15 JULY 1997 (1997-07-15) SEO. D. S. ET AL: "ANTIMICROBIAL	 
			INORGANIC PIGMENTS FOR COSMETICS; XP002298452, RETRIEVED FROM STN DATABASE ACCESSION NO. 127:39451 ABSTRACT & COSMETICS & TOILETRIES, 112 (5), 83-88, 90 CODEN: CTOIDG; ISSN: 0361-4387, 1997	
			A. GOETZ, E.C.Y. INN: "REVERSIBLE PHOTOLYSIS OF AG SORBED ON COLLOIDAL METAL OXIDES: REVIEWS IN MODERN PHYSICS, VOL. 20, NO. 1, JANUARY 1948,	
			PAGES: 131-142, XP002298486, CITED IN THE APPLICATION PAGE 131, COLUMN 2, PARAGRAPH B PAGE 133, COLUMN 1, LINE 18	
		010	DATABASE WPI, SECTION CH, WEEK 198949; DERWENT PUBLICATIONS LTD.,	L
000000000000000000000000000000000000000			LUNDUN, GB, CLASS A60, AN 1989-359956 AP002298538	00000000000
				ļ

Examiner /Nelson C Blakely III/ Signature	Date 05/01/2008 Considered	
-------------------------------------------	-------------------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.